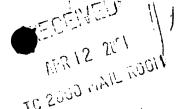
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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application I hereby certify that this paper is being deposited with Applicant: Takeda et al. the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on this date. Serial No. 09/663,580 Filed: September 15, 2000 F-CLASS. WCM Attorney for Applicant Appr. February 20, 1998 **VERTICALLY-ALLIGNED** For: (VA) LIQUID CRYSTAL **DISPLAY DEVICE** Art Unit: 2871 Examiner: Nguyen, D.

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants through counsel herewith submits copies of the patents as set forth in the attached form PTO-1449 as follows:

U.S. PATENT DOCUMENTS

PATENT NO. PATENTEE ISSUE DATE

5,473,455 Koike et al. Dec. 5, 1995

FOREIGN PATENT DOCUMENTS

DOCUMENT NO.

COUNTRY

PUBLICATION DATE

5-173142

Japan

July 13, 1993

REMARKS

The enclosed reference, 5-173142 was first cited in any Communication issued by the Korean Patent Office (copy enclosed). Applicants hereby certify that the above item of information was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Statement. JP 5-173142 corresponds to United States Patent No. 5,473,455 (copy enclosed).

It is respectfully requested that the above-listed documents be made of record in the present application.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By

Patrick G. Burns

Registration No. 29,367

April 6, 2001 Suite 2500 300 South Wacker Drive Chicago, Illinois 60606 (312) 360-0080 F:\DATA\WP60\2803\64680\IDS3\WPD